

## Certificate of Analysis

Date of Testing: 2024-05-14 10:35:41  
Date of Next Testing: 2028-05-13 10:35:41  
Product Name: **3-Isobutyl-1-methylxanthine**  
CAS Number: 28822-58-4  
Specifications & Purity: 99%  
Lot #: D2429037  
SKU #: **I106812**  
Version: **1**  
Analysis #: **271971**  
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Melting point	200-203 (°C)	202.19000 °C
Purity(HPLC)	99-100 (%)	99.61800 %
Appearance (I106812)	White to Off-White Powder	White to Off-White Powder
Solubility in EtOH , 10 mg/mL	pass	Pass
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager